


# Long-term Rain Chemistry Monitoring on Vancouver Island

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[Editor's note: Warren McCormick provided his PowerPoint presentation. (3 MB)]

To view the presentation select the PowerPoint icon  ]

## **Abstract**

Rain Chemistry monitoring (Acid Rain) has been carried out on Vancouver Island at various sites dating back to the mid-1980s. Presented here is data from three long-term sites (Victoria, Nanaimo and Port Hardy) and one more recent site (Campbell River). Spatial patterns show a definite north-south trend with Port Hardy showing consistent background results. Temporal trends show a definite improvement at Victoria but not at any other sites. Sulphate and Nitrate concentrations and deposition results are below criteria levels but show some opposing temporal trends. The overall conclusion is that the rain chemistry over the entire Georgia Basin is affected by human activities.